

Fig. 2







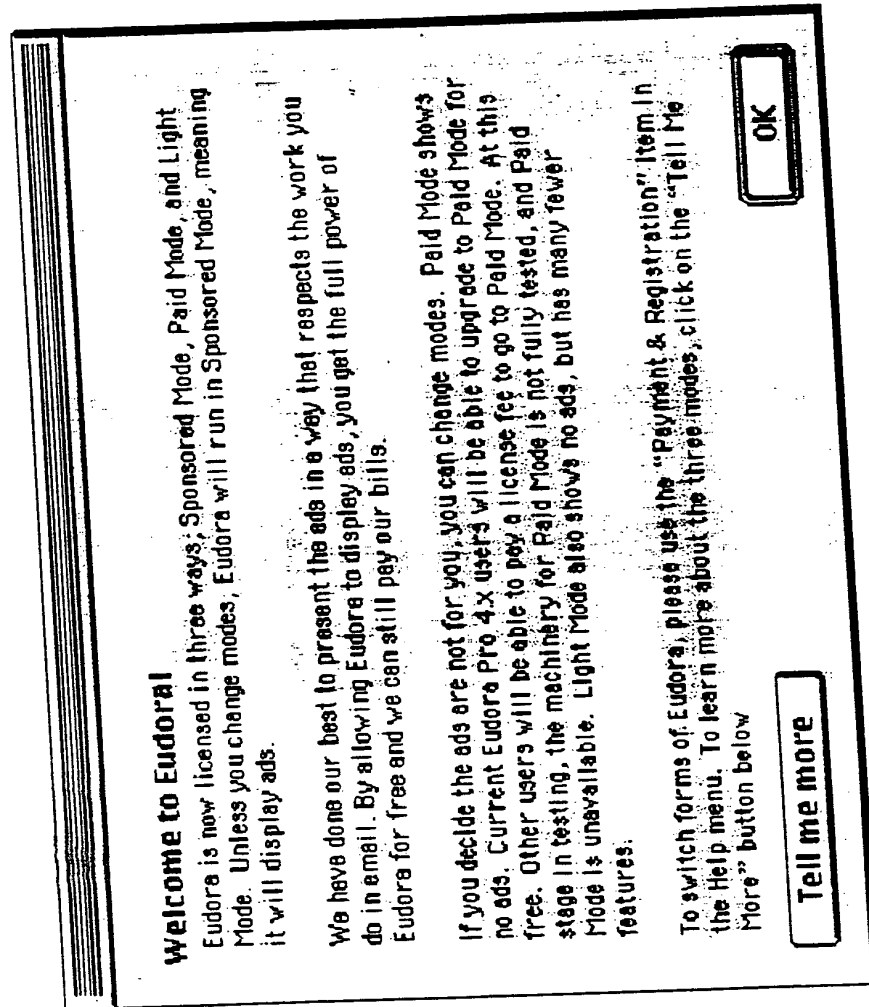


Fig. 4B

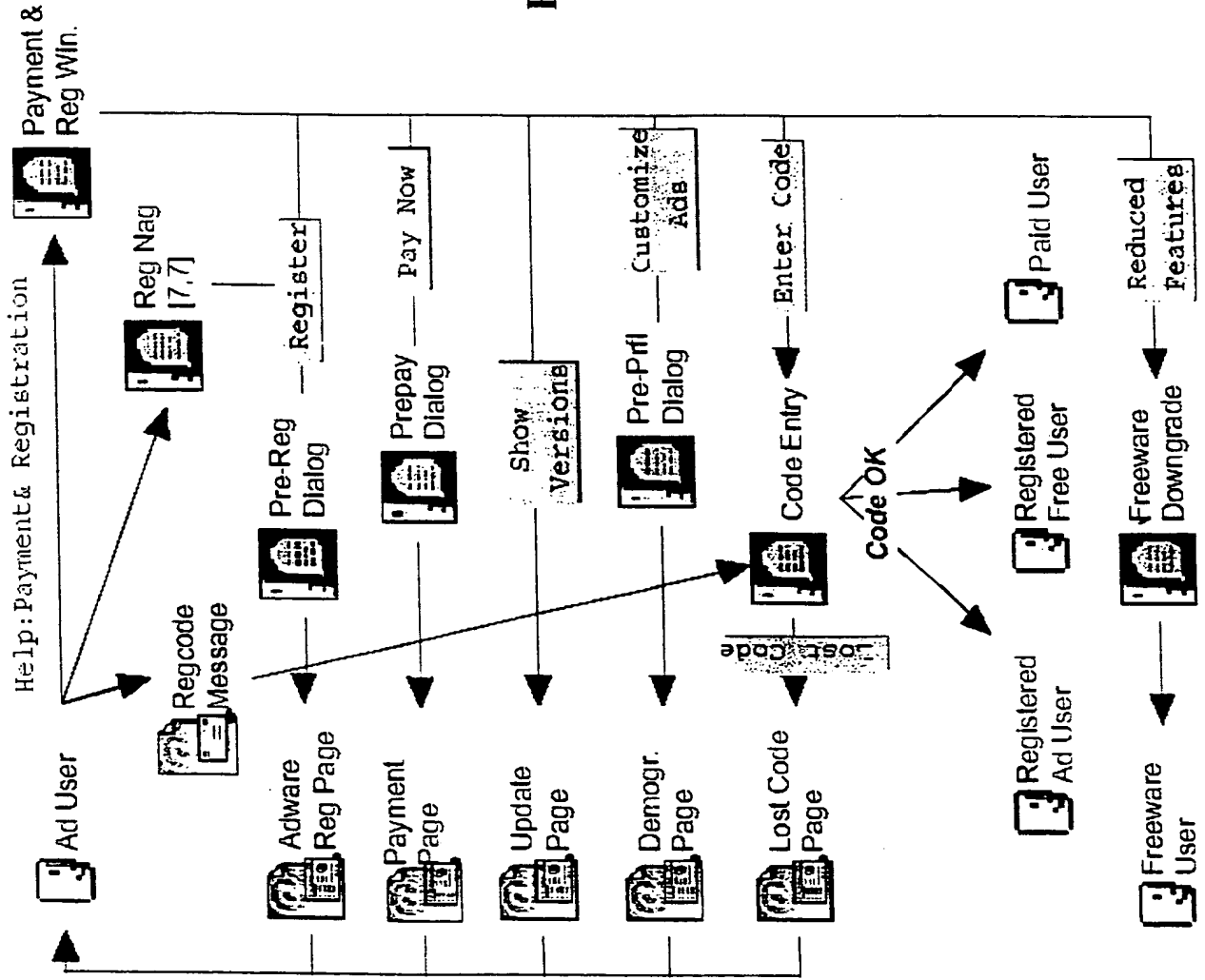


Fig. 5A





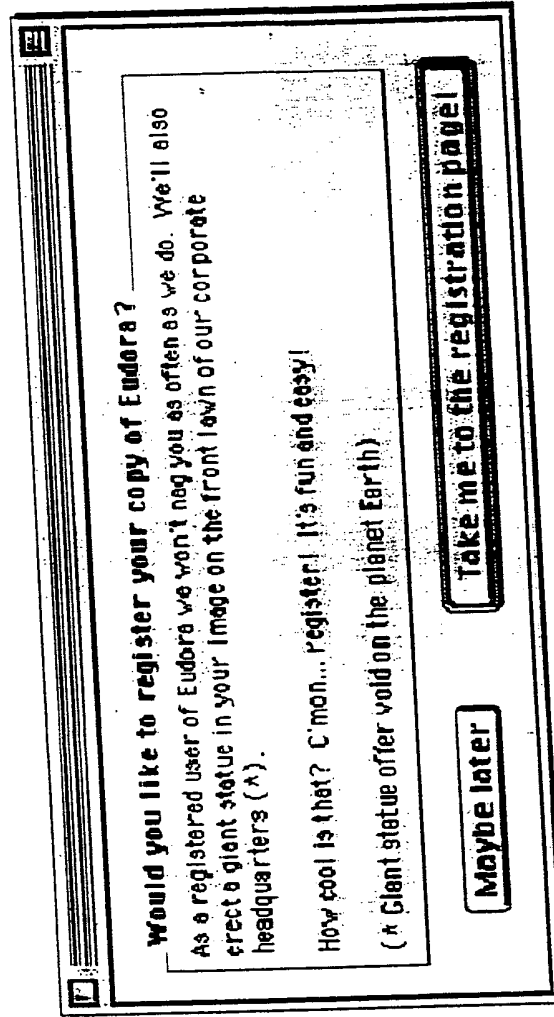


Fig. 5C

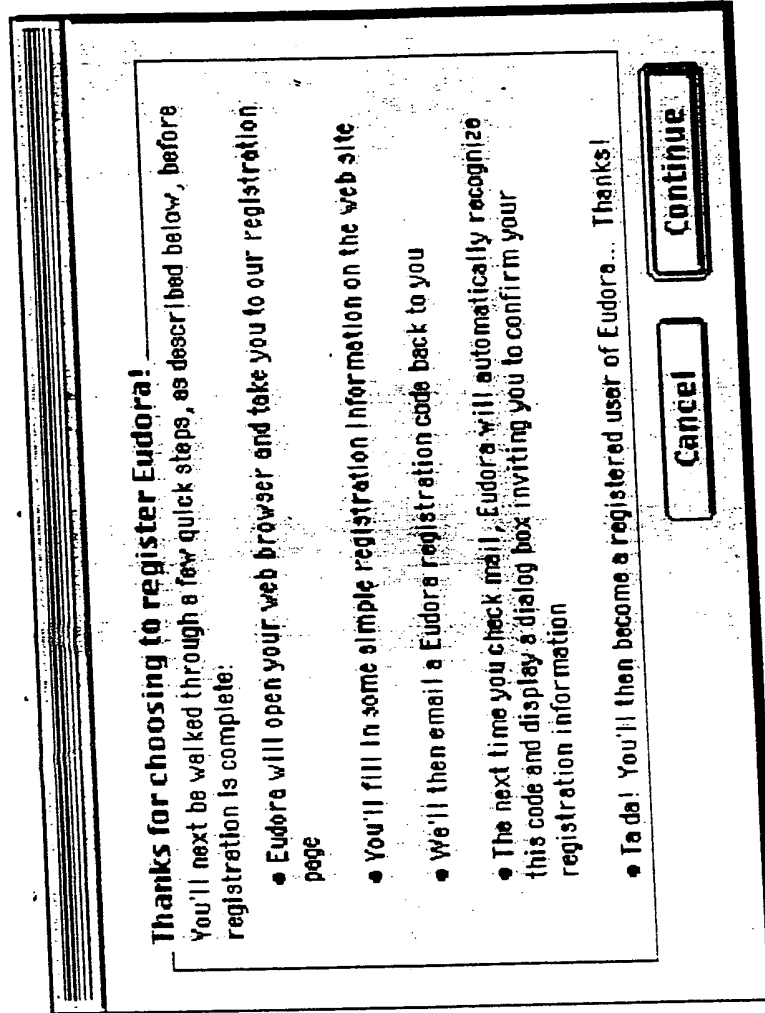


Fig. 5D

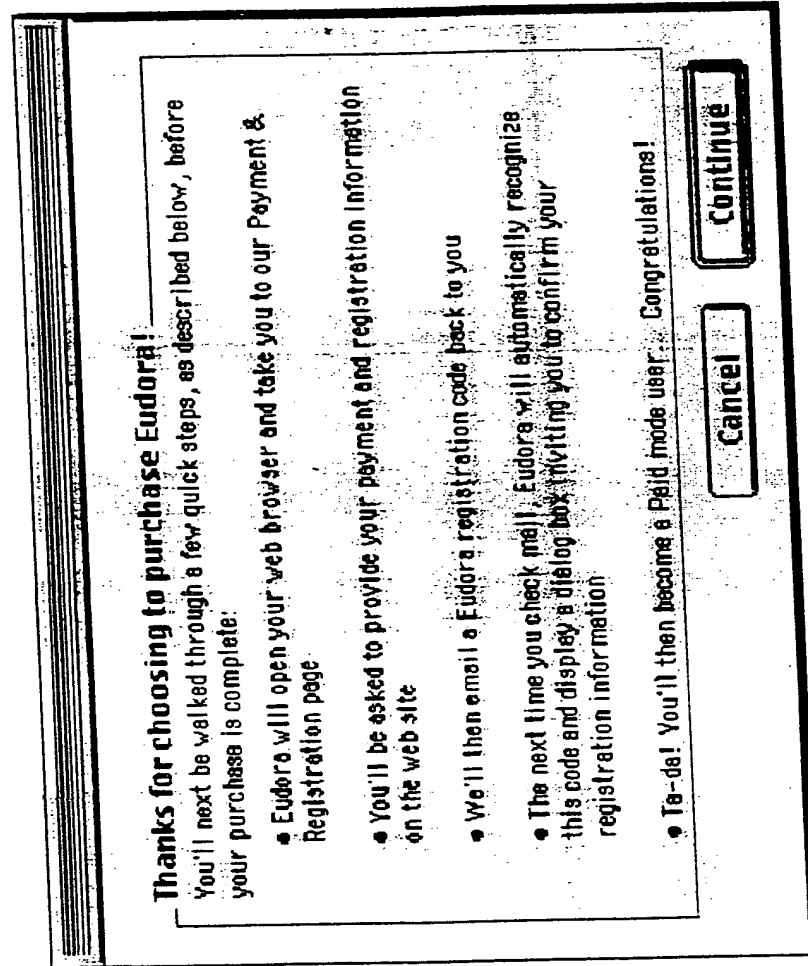


Fig. 5E

Thank you for your registration!  
To complete your registration, please enter the name you  
under and your registration code below.

The exact name you registered under:

First Name:	John	Last Name:	Manyjars
-------------	------	------------	----------

Your registration code:

48925-89A2-B1149
------------------

Fig. 5F



0010001 26302600

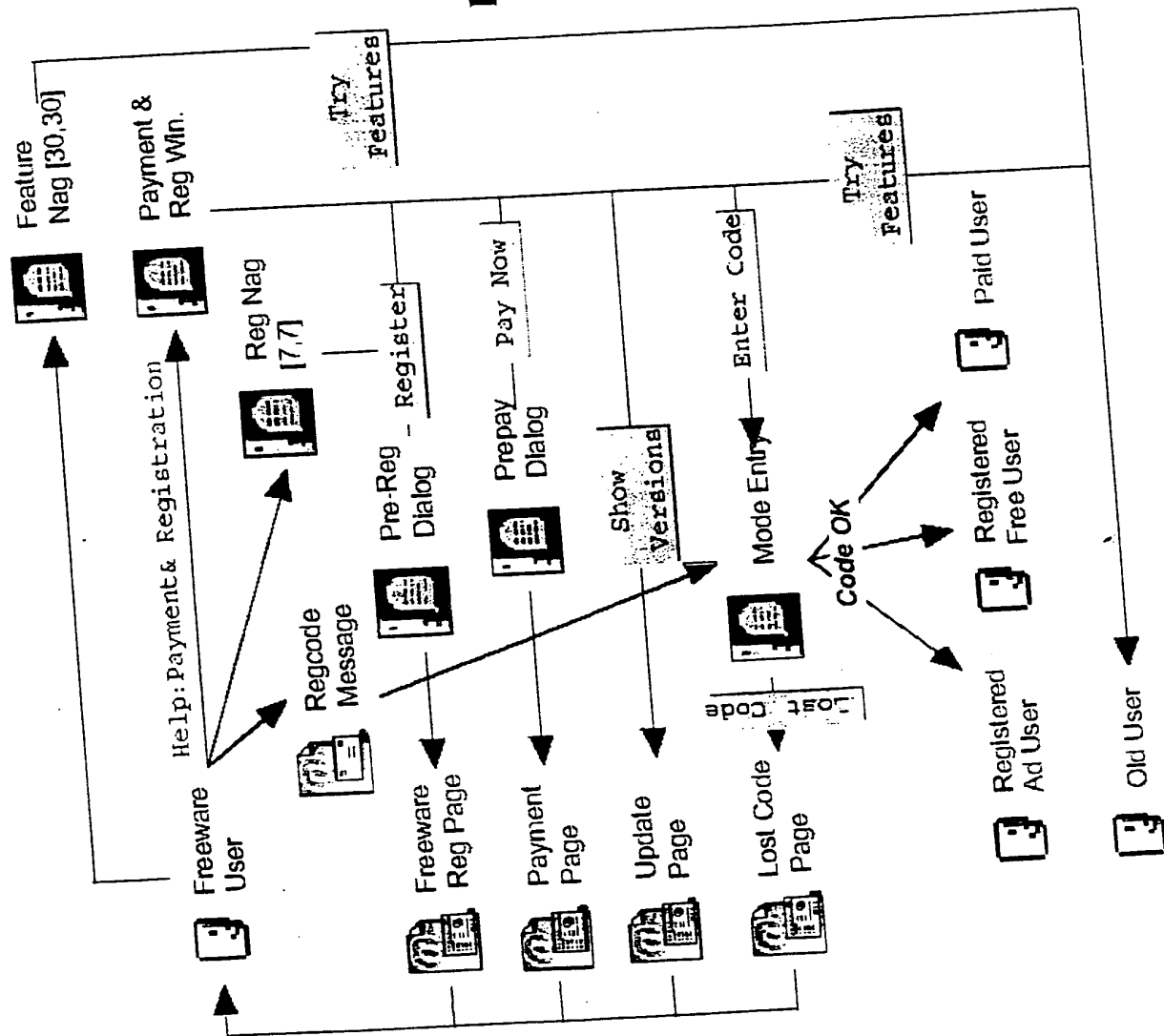


Fig. 6A

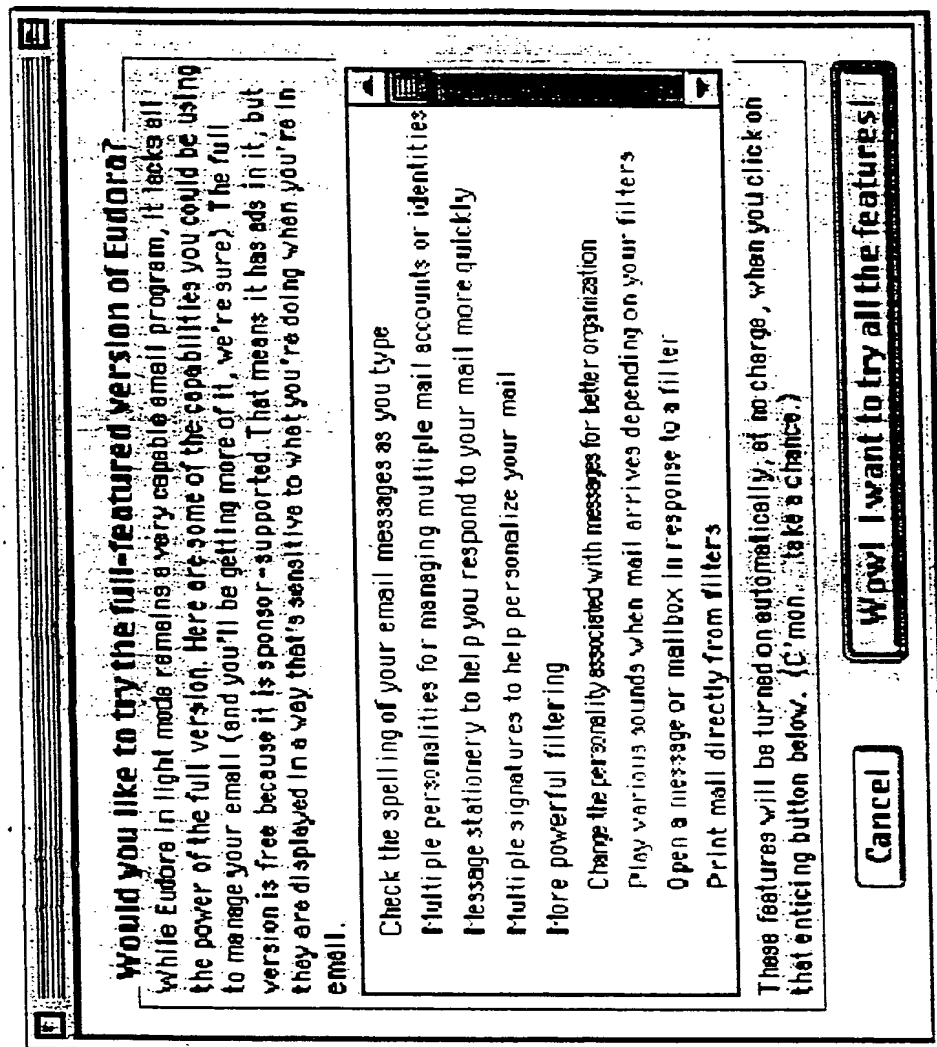


Fig. 6B

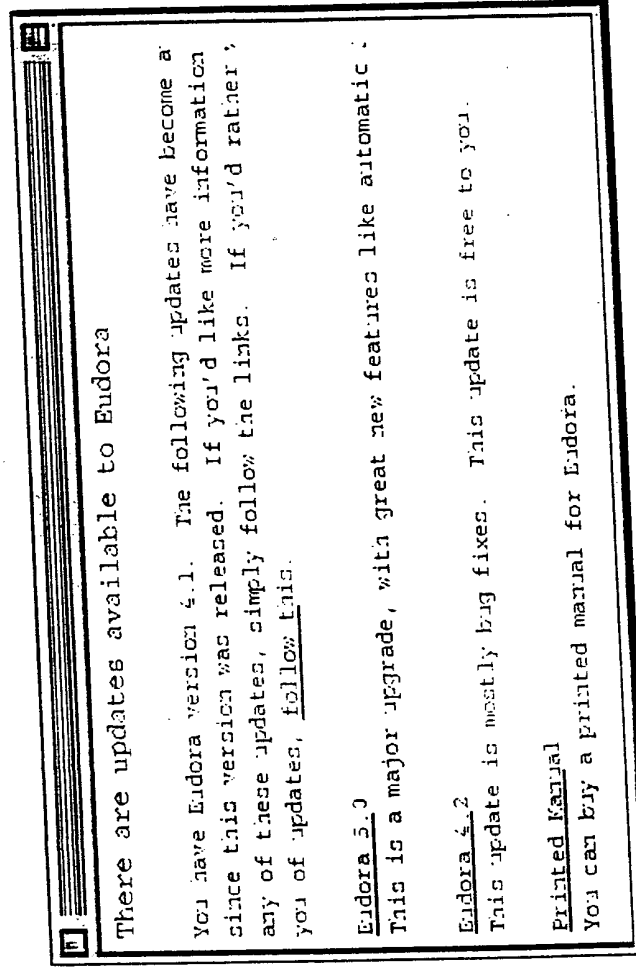


Fig. 7B



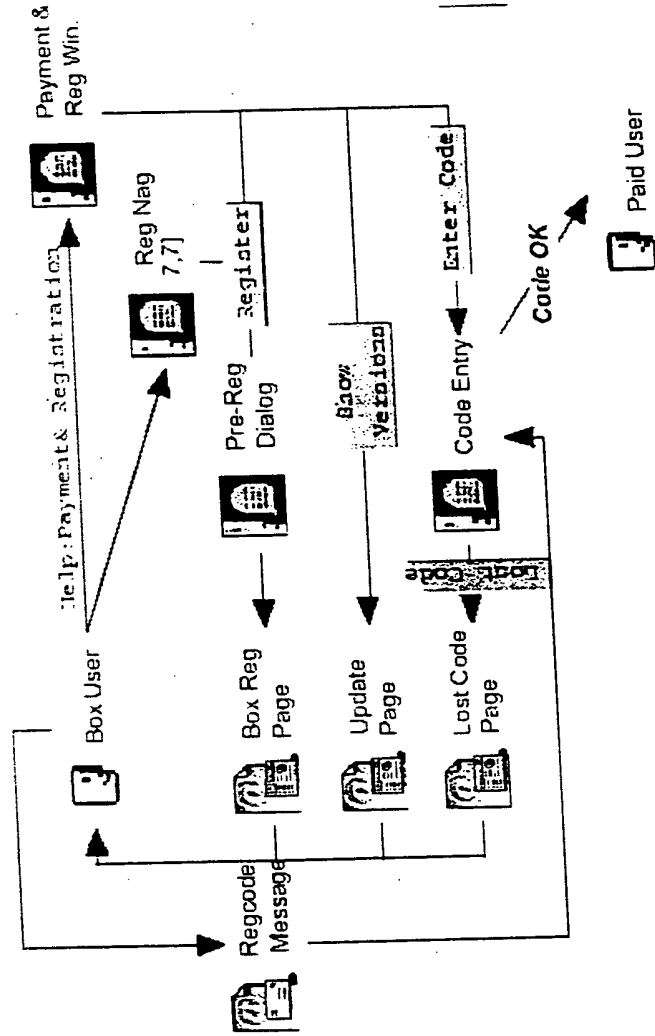


Fig. 8

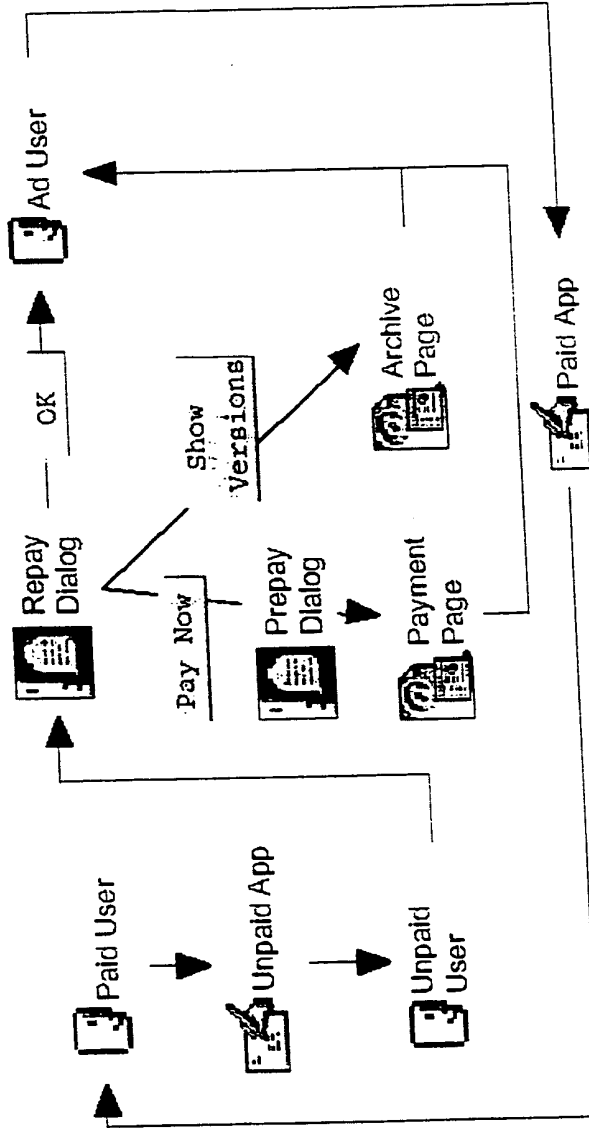


Fig. 9

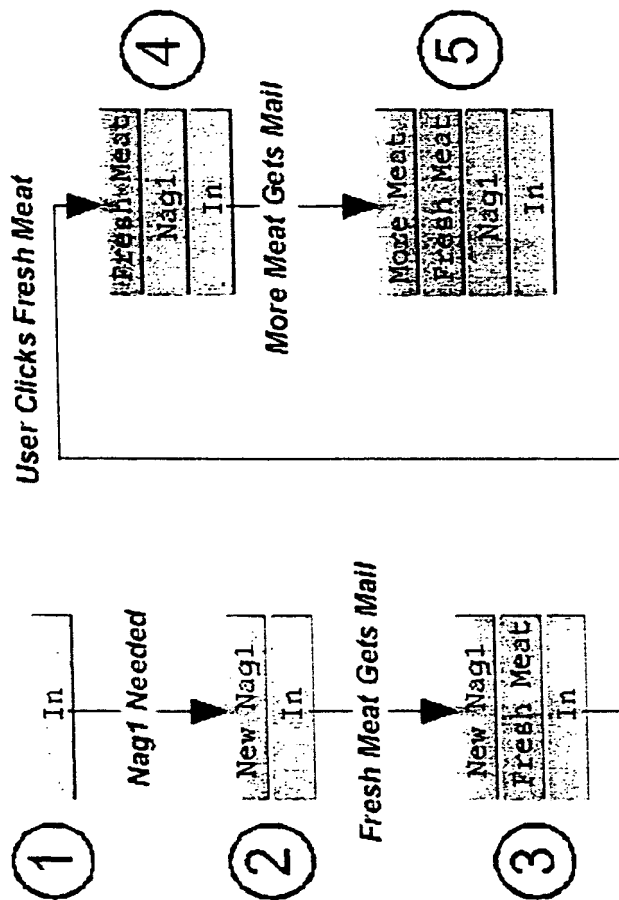


Fig. 10

00T00T" 20582200

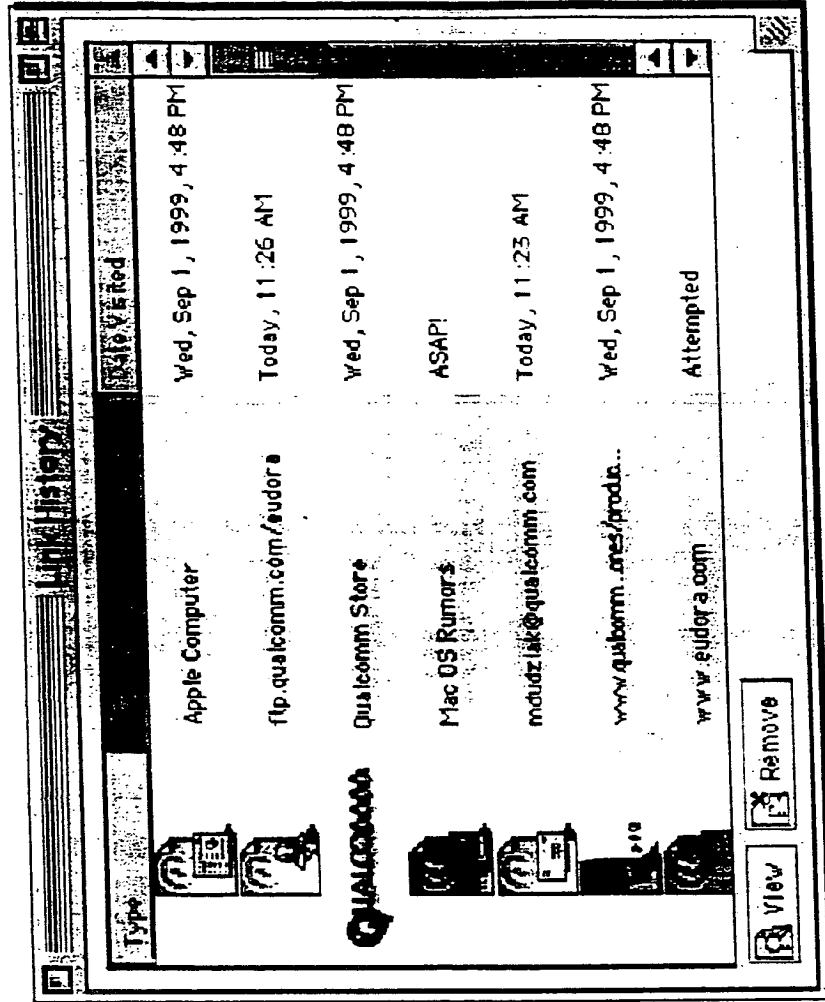


Fig. 12A

**You Can't Get There From Here**

You're not connected to the Internet now. Help me cope.  
connect you and visit the site, record a bookmark for later  
remind you to visit it next time you are connected.

**Visit Now**

Connect to the Internet and visit it

**Bookmark**

Bookmark this site to visit later

**Remind Me**

Bookmark the site, and remind you  
you're connected to the Internet

☐ Remember your choice for next time





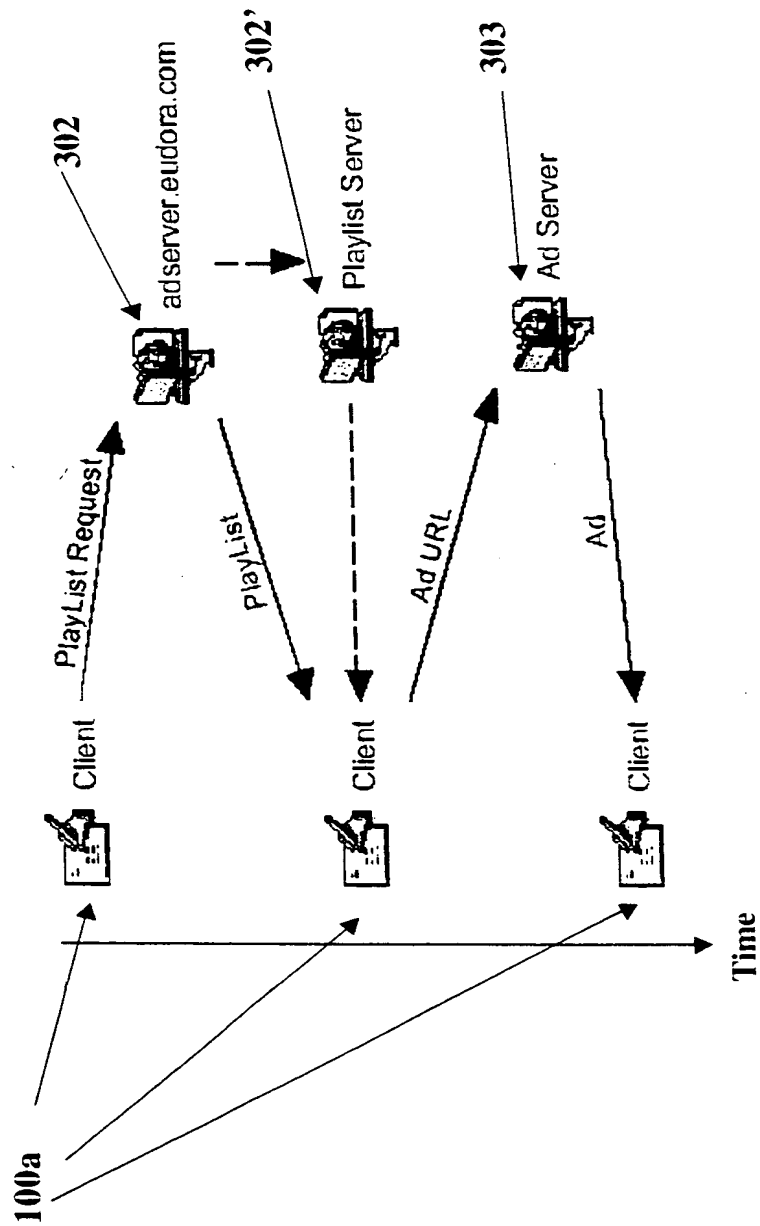


Fig. 14

```

////////////////////////////////////
// Main ad scheduler
ScheduleMain
{
  // Has a new day dawned?
  Do CheckForNewDay
  // Are we within the current ad's showFor?
  if ( ad.thisShowTime < ad.showFor )
  {
    // there is nothing to be done
    return
  }
  // At this point, we know that we need a new ad
  // Perform housekeeping tasks on the old one
  Do AdEndBookkeeping
  // Pop out of a block if all ads on par
  if ( block isn't all playlists )
  {
    find ad with minimum ad.numberShown
    if ( ad.numberShown >= blockGoal )
    set block to all playlists
  }
  // If we are over our quota of regular ads for the day,
  // look for a runout
  if ( adFaceTimeToday > faceTimeQuota )
  {
    Do ShowARunout
  }
  else
  {
    Do ShowARegularAd
  }
}
// end ad schedule main

```

Fig. 15A



```

////////////////////////////////////
// We must perform certain tasks when the calendar day
changes.
CheckForNewDay
{if ( the calendar day has changed )
{
// Perform housekeeping tasks on the ad currently showing
Do StopShowingCurrentAd
// Runout ads are charged for a full showFor if they've been
shown
// at all on a given day. Charge any runout ads if they've
been
// shown at all.
for runout ads
{
if ( ad.thisShowTime > 0 )
{
ad.totalTimeShown += ad.showFor
ad.thisShowTime = 0
}
}
// Now, reset the counters for all ads to reflect the fact
that
// a new day has dawned.
for all ads
{
ad.numberShownToday = 0
}
// Record yesterday's facetime
// Might not literally be yesterday, be sure to use
// whatever day the app was last run on
set old current day's facetime to totalFaceTimeToday
// and reset our global regular ad facetime counter
adFaceTimeToday = 0
totalFaceTimeToday = 0
// if we were in a block, back out
set block to all playlists
}
}
// end CheckForNewDay

```

Fig. 15B

```

////////////////////////////////////
// This function shows a runout ad, and if it
// can't find one, goes to a rerun
ShowARunout
{
for runout ads
{
// has the ad been flushed?
if ( ad.flushed )
try next ad
// are we done showing this runout today?
if ( ad.numberShownToday > ad.dayMax )
try next ad // this one's used up for the day
// are we done showing this runout for ever and ever?
if ( ad.shownFor > ad.showForMax )
try next runout ad // this one's used up forever
// are we between the ad's start and end dates?
if ( ad.startDate < the current date < ad.endDate )
try next runout ad
// the ad is not supposed to run today
// do we actually HAVE the ad?
if ( ad has not been downloaded )
{
ask for ad to be downloaded
try next ad
}
// ok, we believe we should show this runout
// we are now in runout state
Do ShowAnAd
return
}
// if we haven't found a runout ad, we will go to "rerun"
state
Do ShowARerun
}
// end ShowARunout

```

Fig. 15C

```

////////////////////////////////////
// Rerun state. Look for a regular ad to rerun
ShowARerun
{
  for regular ads [ in current block ]
  {
    // has the ad been flushed?
    if ( ad.flushed )
      try next ad
    // is this ad recent enough to rerun?
    if ( ad.lastShownDate is older than returnInterval )
      try next ad
    // this one is too old to rerun
    // if in block, show ads only if it's their "turn"
    if ( ad.numberShownToday >= blockGoal )
      try next ad // need to find a friend in this block
    // are we between the ad's start and end dates?
    if ( ad.startDate < the current date < ad.endDate )
      try next ad
    // the ad is not supposed to run today
    // do we actually HAVE the ad?
    if ( ad has not been downloaded )
    {
      ask for ad to be downloaded
      try next ad
    }
    // ok, at this point we can show this ad, but because
    // we're in rerun, we don't keep the books
    Do ShowAnAd
    return
  }
  // if we get here, we have no ads to show. Punt.
  return
}
// end ShowARerun

```

Fig. 15D

```

////////////////////////////////////
// Show a regular ad
ShowARegularAd
{
for regular ads [ in current block ]
{
// has the ad been flushed?
if ( ad.flushed )
try next ad
// are we done showing this ad today?
if ( ad.numberShownToday > ad.dayMax )
try next ad // this one's used up for the day
// if in block, show ads only if it's their "turn"
if ( ad.numberShownToday >= blockGoal )
try next ad // need to find a friend in this block
// are we done showing this ad for ever and ever?
if ( ad.shownFor > ad.showForMax )
try next ad // this one's used up forever
// are we between the ad's start and end dates?
if ( ad.startDate < the current date < ad.endDate )
try next ad
// the ad is not supposed to run today
// do we actually HAVE the ad?
if ( ad has not been downloaded )
{
ask for ad to be downloaded
try next ad
}
// ok, we believe we should show this ad
// we are now in regular state
Do ShowAnAd
return
}
// If we get here, we have failed to find a regular
// ad. Go to runout
Do ShowARunout
}
// end ShowARegularAd

```

Fig. 15E

```

////////////////////////////////////
// Perform necessary housekeeping when we're taking
// down an ad
AdEndBookkeeping
{
// In rerun state, we don't do any bookkeeping
if ( in RerunState )
return
// Account for at most ad.showFor seconds, provided
// we've shown the ad for at least ad.showFor seconds
// Note that this means we don't charge for time beyond
// ad.showFor seconds, which is important
if ( ad.thisShowTime >= ad.showFor )
{
ad.numberShownToday += ad.showFor
ad.shownFor++
// we do NOT reset thisShowTime here, we do it in
// AdStartBookkeeping. It actually doesn't matter where
// we do it, provided we are careful NOT to do it for
// runout ads.
}
}
// end AdEndBookkeeping

```

Fig. 15F

```

////////////////////////////////////
// Show an ad, including bookkeeping and block handling
ShowAnAd
{
// If the ad is in a block, notice that
if ( it's in a "block" playlist )
{
if ( not currently in a block )
{
find ad in block with minimum numberShown
make that our ad
set blockGoal to minimum numberShown+1
}
set current block to this playlist
}
// now do bookkeeping
Do AdStartBookkeeping
// and actually show it
Do DisplayThatAd
}

```

Fig. 15G



Persistent Ads	
PlayList Request	faceTime Used to determine how much advertising to send to client faceTimeLeft Not used
PlayList Response ClientInfo	reqInterval Relatively large: one or more days flush Used. Single playlist completely specifies list of ads client should have
PlayList Response Scheduling Parameters	showForMax Not used

Fig. 16A

Short-Lived Ads	
PlayList Request	faceTime Not used faceTimeLeft Used to determine how many ads client should receive
PlayList Response ClientInfo	reqInterval Not used. Instead, client requests new playlist whenever ads "run low". flush Not used
PlayList Response Scheduling Parameters	showForMax Used to determine how long an ad runs

Fig. 16B



**Eudora doesn't seem to be getting ads.**

For some reason, Eudora is unable to download new ads. Downloading and displaying ads is a requirement for the free full-featured version of Eudora. Please visit the Eudora web site for information about how to resume getting ads.

Invalid HTTP request (Error code: 503)

**If ad downloading continues to fail, Eudora will eventually revert to the Light version which is less powerful.**

**Take me to the Eudora web site**

**Fig. 17A**

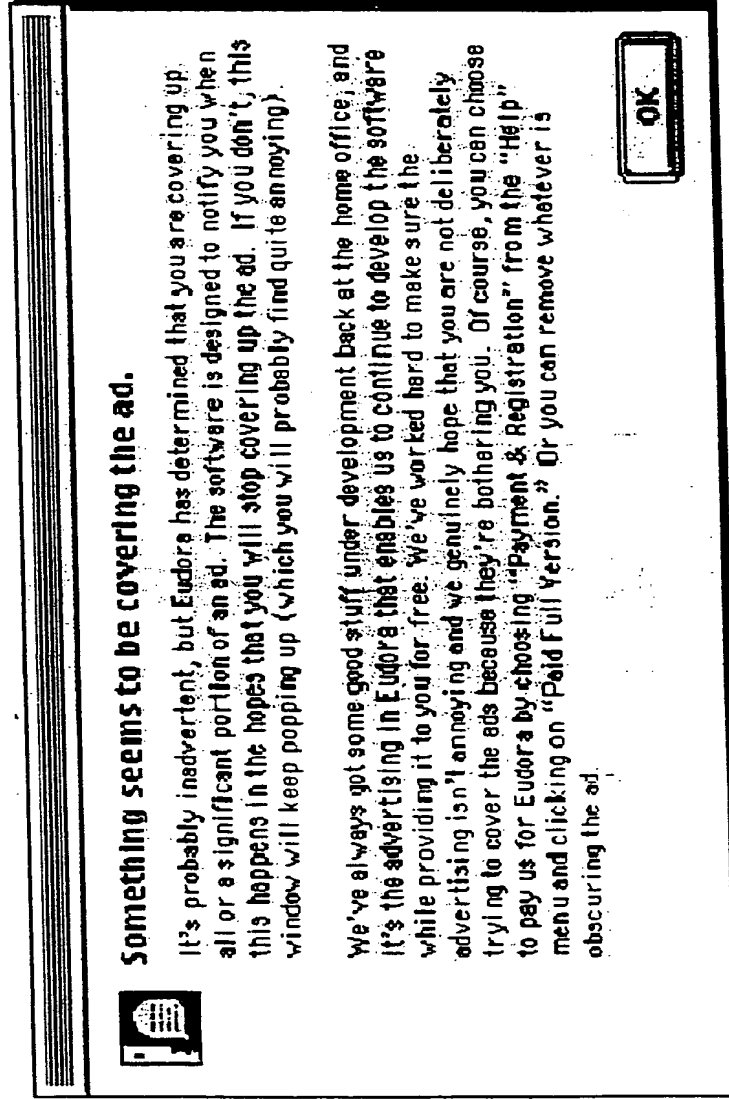


Fig. 17B

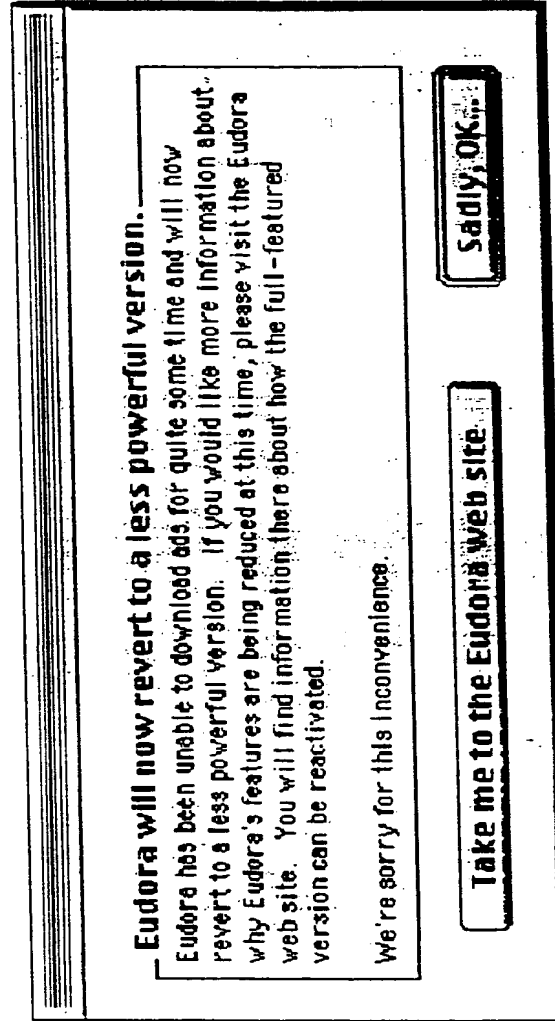


Fig. 17C

**We'd like to know how you use Eudora.**

In order to make Eudora work as well as possible, it's important that we know how people use it. We ask users for this information at random. Looks like it's your turn. If you're open to helping us this way, all you have to do is click "Generate Info" below and a message will be created. You can review the contents of the message if you like, and then send it to us or not -- that's up to you.

We value our privacy; we're pretty sure you value yours. So we want you to know what we'll be collecting and give you a chance to eliminate anything you don't want to send. Simply uncheck the boxes next to any information you'd rather not send.

Please understand that as soon as we receive your email, we will throw away the headers that identify the mail as coming from you. You see, we don't actually need to know who you are to find your information helpful. So we promise to protect your privacy and turn you into "just a number." : - )

**It's OK to transmit statistics regarding:**

<input checked="" type="checkbox"/> Your demographic data	<input checked="" type="checkbox"/> Your Net/Eudora usage
<input checked="" type="checkbox"/> Advertisement information	<input checked="" type="checkbox"/> Eudora features you use
<input checked="" type="checkbox"/> Non-personal settings	

Cancel

Generate Info

Fig. 18A

Page	Applicable Query Parts											topic				
	action	platform	product	version	distributor	mode	realname	email	regfirst	reglast	regcode	oldReg	regLevel	profile	url	adid
Payment	pay	X	X	X	X	X	X	X	X	X	X	X				
Freeware Registration	register-free	X	X	X	X	X	X	X	X	X	X					
Adware Registration	register-ad	X	X	X	X	X	X	X	X	X	X					
Box Registrations	register-box	X	X	X	X	X	X	X	X	X	X					
Lost Code	lostcode	X	X	X	X	X	X	X	X	X	X	X				
Update	update	X	X	X	X	X							X			
Pro Update	proudate	X	X	X	X	X							X			
Archived	archived	X	X	X	X	X										
Profile	profile	X	X	X	X	X	X	X						X		
Introduction	intro															
Support	n/a	X	X	X	X	X	X	X	X	X	X	X				no-qt
QuickTime Missing	support	X	X	X	X											ad-fail
Ad Failure	support	X	X	X	X											tutor
Tutorial	support	X	X	X	X											faq
FAQ	support	X	X	X	X											light
Light Users	support	X	X	X	X											search
Search Support	support	X	X	X	X											usenet
Newsgroups	support	X	X	X	X											

Fig. 19

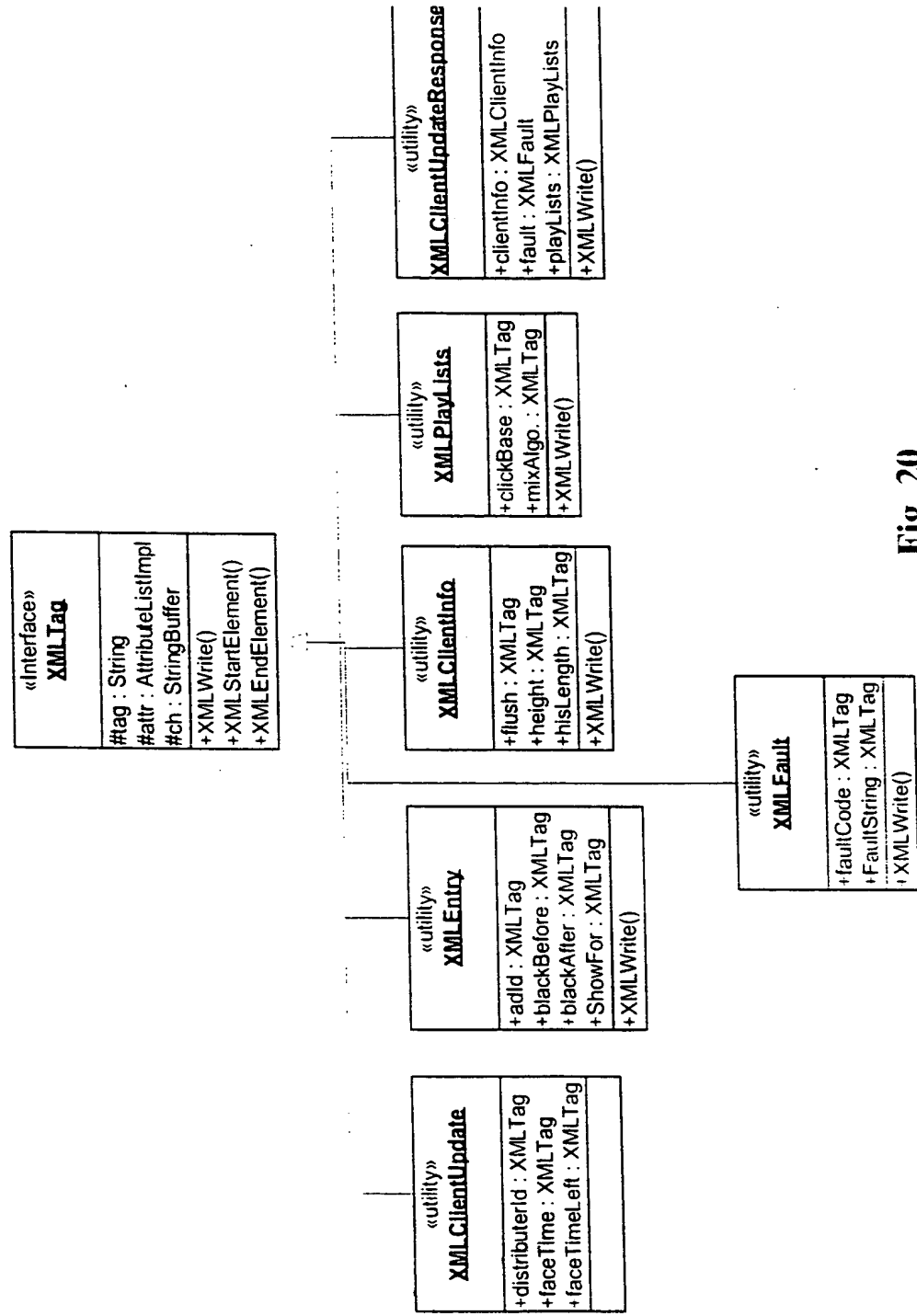


Fig. 20

§ The list of available ads advantageously can be built from the following query:

```
ads = dbCon.prepareStatement("SELECT * FROM ads WHERE StartDate <= today AND endDate >= today + 30 AND
AdType = 'I' AND AdStatus = 'A' AND ImpressionsServed < Impressions ORDER BY ImpressionsServed ASC);

run out ads = dbCon.prepareStatement("SELECT * FROM ads WHERE StartDate <= today AND endDate >= today +
30 AND AdType = 'R' AND AdStatus = 'A' AND ImpressionsServed < Impressions ORDER BY ImpressionsServed
ASC);
```

§ The time required to deliver the ads advantageously can be calculated in the following manner.

face time left for today [seconds] = faceTime[today] – faceTimeUsedToday

(Comment: Face time left for today is the number of seconds the servlet can use to deliver special ads today.)

```
predict face time [seconds] = SUM( faceTime[tomorrow] , faceTime[tomorrow + 1] , ... faceTime[tomorrow + reqInterval]
)
```

(Comment: Predict face time is the number of seconds the servlet predicts the user is going to have.)

goal show time left [seconds] = predict face time – faceTimeLeft

(Comment: Goal show time left is the number of seconds that the software provider needs to fill with ads.)

Fig. 21A

```

8 Targeting
  while (face time left for today ) {
    if ad is not in the history {
      select ad [according to target = today]
      face time left for today -= ad.showFor
    }
    next ad
  }

  while (Goal show time left ) {
    if ad is not in the history {
      select ad [according to target]
      goal show time left -= ad.showFor
    }
    next ad
  }

```

Default values:

- reqInterval = 1 day.
- faceTime = 30 minutes
- faceTimeQuota is ?
- histLength = 31 days

Fig. 21B



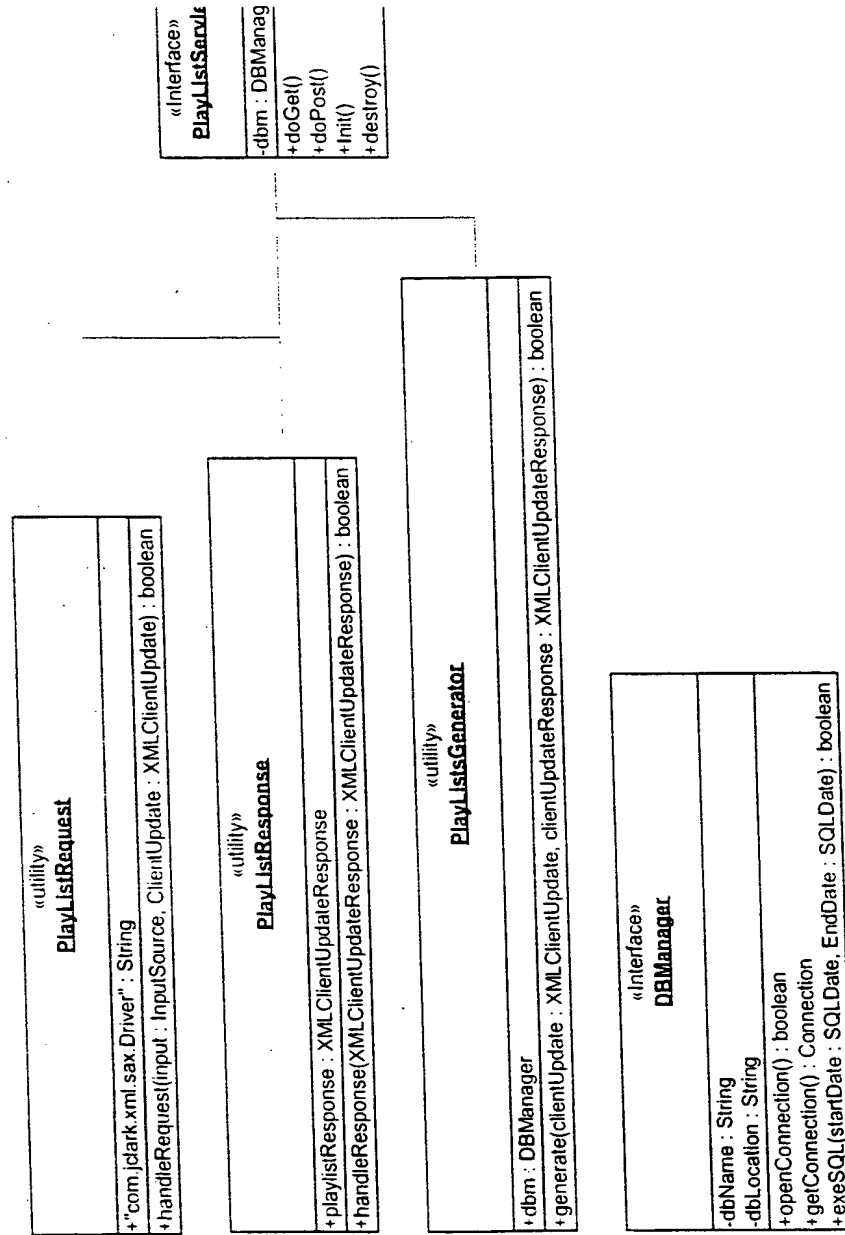
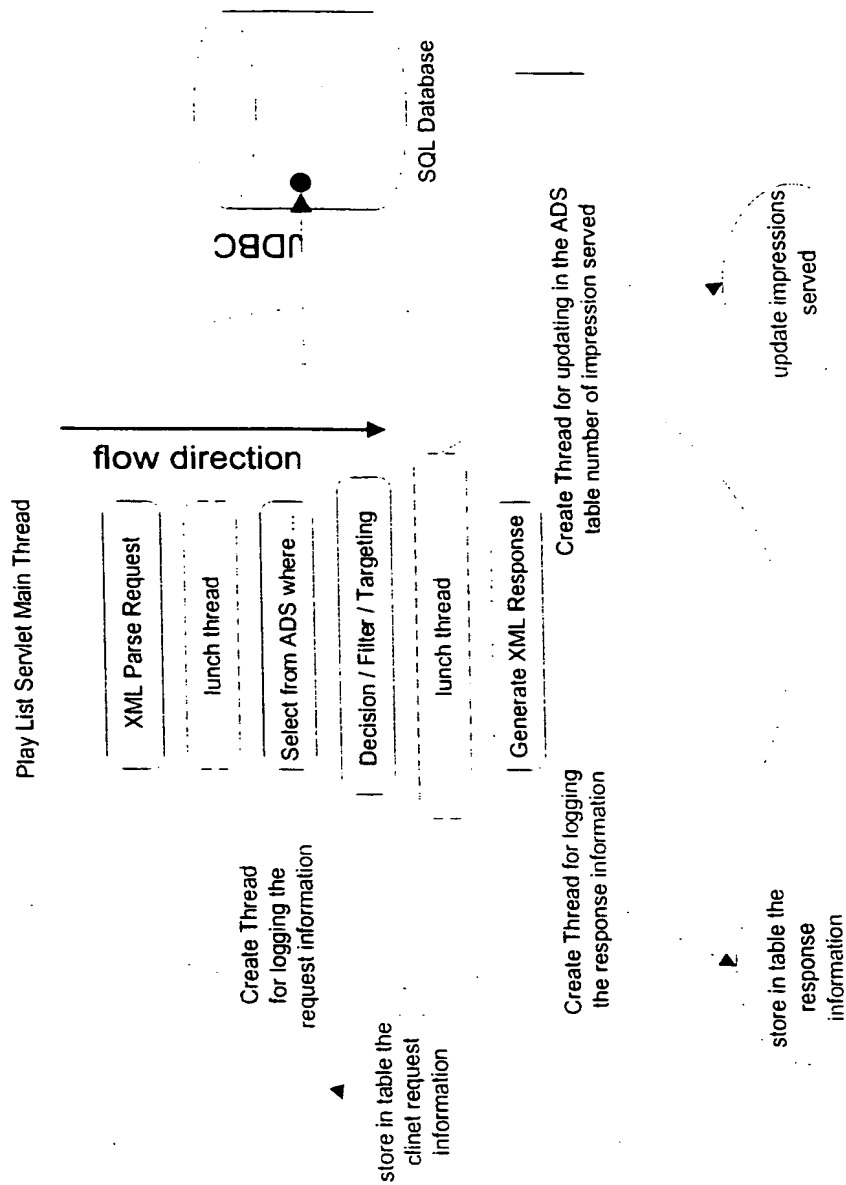


Fig. 22

100



**Fig. 23**